

30. (New) The DNA of claim 1, wherein said nucleotide sequence consists of SEQ. ID. NO.

709.

31. (New) The DNA of claim 1, wherein said nucleotide sequence consists of SEQ. ID. NO.

1017.

32. (New) The DNA of claim 1, wherein said nucleotide sequence consists of SEQ. ID. NO.

1219.

33. (New) The DNA of claim 1, wherein said nucleotide sequence consists of SEQ. ID. NO.

1320.

151
34. (New) The DNA of claim 1, wherein said nucleotide sequence consists of SEQ. ID. NO.

1449.

35. (New) The DNA of claim 1, wherein said nucleotide sequence consists of SEQ. ID. NO.

2058.

36. (New) The DNA of claim 1, wherein said nucleotide sequence consists of SEQ. ID. NO.

2965.

37. (New) The DNA of claim 1, wherein said nucleotide sequence consists of SEQ. ID. NO.

3084.

38. (New) The DNA of claim 1, wherein said nucleotide sequence consists of SEQ. ID. NO.

4937.

39. (New) The DNA of claim 3, wherein said nucleotide sequence consists of SEQ. ID. NO.

563.

40. (New) The DNA of claim 3, wherein said nucleotide sequence consists of SEQ. ID. NO.

709.

41. (New) The DNA of claim 3, wherein said nucleotide sequence consists of SEQ. ID. NO.

1017.

42. (New) The DNA of claim 3, wherein said nucleotide sequence consists of SEQ. ID. NO.

1219.

43. (New) The DNA of claim 3, wherein said nucleotide sequence consists of SEQ. ID. NO.

1320.

44. (New) The DNA of claim 3, wherein said nucleotide sequence consists of SEQ. ID. NO.

1449.

45. (New) The DNA of claim 3, wherein said nucleotide sequence consists of SEQ. ID. NO.

2058.

46. (New) The DNA of claim 3, wherein said nucleotide sequence consists of SEQ. ID. NO.

2965.

47. (New) The DNA of claim 3, wherein said nucleotide sequence consists of SEQ. ID. NO.

3084.

48. (New) The DNA of claim 3, wherein said nucleotide sequence consists of SEQ. ID. NO.

4937.

49. (New) The probe of claim 13, wherein said nucleotide sequence consists of SEQ. ID. NO.

563.

50. (New) The probe of claim 13, wherein said nucleotide sequence consists of SEQ. ID. NO.

709.

51. (New) The probe of claim 13, wherein said nucleotide sequence consists of SEQ. ID. NO.

1017.

52. (New) The probe of claim 13, wherein said nucleotide sequence consists of SEQ. ID. NO.

1219.

53. (New) The probe of claim 13, wherein said nucleotide sequence consists of SEQ. ID. NO.

1320.

54. (New) The probe of claim 13, wherein said nucleotide sequence consists of SEQ. ID. NO.

1449.

55. (New) The probe of claim 13, wherein said nucleotide sequence consists of SEQ. ID. NO.

2058.

56. (New) The probe of claim 13, wherein said nucleotide sequence consists of SEQ. ID. NO.

2965.

57. (New) The probe of claim 13, wherein said nucleotide sequence consists of SEQ. ID. NO.

3084.

58. (New) The probe of claim 13, wherein said nucleotide sequence consists of SEQ. ID. NO.

4937.

59. (New) The primer of claim 21, wherein said nucleotide sequence consists of SEQ. ID. NO.

563.

60. (New) The primer of claim 21, wherein said nucleotide sequence consists of SEQ. ID. NO.

709.

61. (New) The primer of claim 21, wherein said nucleotide sequence consists of SEQ. ID. NO.

1017.

62. (New) The primer of claim 21, wherein said nucleotide sequence consists of SEQ. ID. NO.

1219.

63. (New) The primer of claim 21, wherein said nucleotide sequence consists of SEQ. ID. NO.

1320.

64. (New) The primer of claim 21, wherein said nucleotide sequence consists of SEQ. ID. NO.

1449.